

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Greg Breeden <gbreeden@matnet.com>  
Subject: [16922] (no subject)  
Message-ID: <334AF373.269E@matnet.com>

Just A question: Is there a new Web site for the QRP ARCI? I have been trying to connect and I am getting nowhere. Thanks

Greg

AL0A Wasilla, AK

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: rerobins@unccvm.uncc.edu (Rick Robinson)  
Subject: [16941] 18AVQ restoration  
Message-ID: <v02130503af710e0ca032@[152.15.144.13]>

I was recently given an 18AVQ which needs some TLC. Does anyone have the dimensions for CW band installation that they could post or email to me? I did not get the manual with the antenna.

Thanks and 72/73,

Rick Robinson kf4ar

WIMPS: Qs=001 30m=1 17m=0 12m=0 States=01/00/00 DX=00/00/00 QSLs=000

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Doug <doug@sunrise.alpinet.net>  
Subject: [16957] 38 Special notes....the PA mod  
Message-ID: <334BCA68.2418@alpinet.net>

Hi Qrp'ers....just a note for info to the group.

I got the 38S cooking the other night, but had a couple problems...of my own doing. 'Couldnt find the IRF510 here in this area, so subbed in an NTE2382, supposedly the replacement for the 510 fet. When I first lit off the rig the PA got hot enough to burn my fingers...quick. A quick look with the scope showed it wasnt in oscillation, so suspected the bias network (R101, 18k). I measured the so called cutoff current and found it to be in the neighborhood of 4 amps!!! So, installed a few different values for R101, finding that 27k seemed to be about

right for that transistor. Now, the rig is cool and puts out right at 3 watts which for me is fine. Fortunately, I put the rig in a cast box and heat sunked the PA and reg to the side, otherwise I'd have smoked the PA before I got to it.

So...if anyone needs to sub out the PA..the 2382 will do it, just needs to be rebiased. The transistor is rated for 75 watts device dissipation, so properly done, it'll do well. I think it'd run more output if I brought down the value of R101 a bit more...24k perhaps, but this'll do for me.

I'm gettin' blasted in the ear pretty good on tx...so now to do the "thump mod" from Neils...then we should be off and running. I've got one bad ear already, so guess that's the one I'll use 'til then.

I put in the RIT mod, but couldn't find a 6.8uh choke, so used the 4.7. I've got range from 10112 to 10122...covers the "qrp band" so I'm not gonna gripe.

All in all, a very nicely done little rig. Beautiful board and good layout....fun to build. I hope to see more from Doug and the gang.

72, 73  
Doug, K7YD

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Jim Bennett <jbennett@ebmud.com>  
Subject: [16987] 38S / Personal RIT (long)  
Message-ID: <334C0696.6D37@ebmud.com>

Just thought I'd post a short note about how you can have RIT on your 38S without ANY modifications to it. Impossible? Au contraire!

I had put the RIT mod on my 38S a couple months ago and ran into major problems with huge tx offset, chirp, etc. Finally removed it from the rig. After that the offset was back where I wanted it. However, I was running into situations where, after I'd call CQ, someone would answer me on a frequency just offset enough that their signal was exactly on zero-beat with my receiver, and there would be no tone at all to their signal. That is where RIT would have been really nice. But, I found a way to move the receive frequency as much as I needed to get an easy to listen to tone on the other station.

How? Very simply, by placing your finger on or close to the area on the board where L1, R4, and D3 are located. The amount of frequency change

depends on how close your finger is to those components. A little experimentation will show you how much you can "move" the receiver. No, you are not going to get zapped by doing this stunt. I suppose that if you had a metal finger you might not want to try it, but with the basic flesh and bone sytle finger it seems to work real well! The low voltages present in this rig don't appear to cause sparks, burns, or other things that might be distracting to operating the rig!

I've been doing this "personal RIT" for a couple months and it works just fine. I do have to run the rig with the top cover off, but that's a small price to pay for getting a "free" RIT.

One word of caution: remove your finger from that area before transmitting. Not because of getting zapped, but because that same circuitry is used for your transmit frequency. Sticking your finger in there during transmit is gonna make your signal move around the band like a drop of water in a frying pan full of hot oil. Not recommended!

Certainly this isn't for everyone. Kinda tough to drink coffee and copy CW (if you don't copy in your head) at the same time this way. But, you might find it helpful. And, you can impress visitors with it - tell 'em there is 4,000 volts in there and you are just being very careful!

72, Jim.

```
*-----*
|                Jim Bennett / W6JHB                |
|                jbenett@ebmud.com                    |
|                Martinez, CA                        |
|                                                    |
|  NWQRP #431      QRP-1 #596      ARRL Life Member  |
*-----*
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From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Mark Gaponoff <gaponoff@macconnect.com>  
Subject: [16927] 38s testimonial (no thump!)  
Message-ID: <103020901af70e6a64cf0@[206.80.181.165]>

Folks,

My 38 Special is together and in a box, and it works great. For other's benefit, here is my experience...

I performed Niels Kristjansson's (VE6NJK) Thump fix, and it works great! It is well worth doing. I used the Radio Shack 2N3819 FET, which has the gate in the middle, which makes it easier to tack the other two leads across the cut trace to C15. The flat side hugs the board nice, too.

I added the ground and bypass mods of Bob Barry (WB2CWA), which stopped all my chirping and stabilized tuning.

Do the above 2 mods together -- they're mostly in the same part of the board. (Yes, now there are a bunch of ugly bugs on the bottom of my 38s, but it works MUCH better, and I can use headphones without hearing loss from the thump. And now, with my 38s in a box, I can't see the bugs!) Be careful to hook up to the right IC's and the right pins! I caught myself almost goofing several times!

The relevant posts are 5-Apr-97 (Niels & Scott Thomas), and 24-Mar-97 (Bob). Also check out Dan Winkler's (N7IVR) excellent letters of 27-Mar-97 and 7-Apr-97. ( <--AKA Genevieve )

With some reluctance, I have to admit that a 100K 10-turn tuning pot sure makes the RIT less urgent. I left the RIT out.

No TiCK, but 5 watts for sure (Paul Harden's mods). I also added extra turns by hand to the 4.7uH RF choke to get my tuning range right on. I also found C18 susceptible to microphoning, and replaced it with a beefier cap. I also had to replace a noisy 7808 voltage regulator.

A more-selective IF filter is now highest on my wish list. More free time to get on the air would be nice too...

18s? Hmmm...

My thanks to Ori, Jim, Doug, Paul, and all the other QRP folks for a very fun and instructive experience!

--Mark

-- Mark Gaponoff (gaponoff@macconnect.com) 73's de KJ7EM.

"Life has meaning, but a poor signal-to-noise ratio."

-- Ann Gaponoff (gaponoff@macconnect.com)

"Si hoc legere scis, nimium eruditionis habes."

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: Brent Alexenko <alexenko@prairie.nodak.edu>

Subject: [16912] 40-9er for sale...

Message-ID: <Pine.OSF.3.91.970408221034.15567A-100000@prairie.nodak.edu>

Hey all!

Well, I'm having fun with my new Sierra, and just finished building my 30 meter module. I even figured out how that WWV at 10.000 would be a good reference point to tune to. Now, if the ice storm on Saturday night wouldn't have snapped my antenna in three, I'd be able to give it a try.

(Didn't someone mention a 40-9er?)

Oh, yeah. I'm getting to that. Well, I MUST HAVE MORE MODULES!!!!  
With that in mind, I offer my 40-9er for sale. I put it together last summer, and then put it away. I "think" it works, having used it to generate a reference frequency when I was building my Sierra, but it's never been on the air. I noticed a few people asking about them, and I feel guilty about having one with a thick layer of dust on it. I even put it in a nice little Radio Shack box, with a switch for power, two plugs and a BNC connector.

First \$30 gets it. I figure that should be enough for a 20 M module for my Sierra (almost!)

Anyone interested? Let me know!

Thanks,  
Brent  
KG0WE (West Fargo, ND)

If anyone is interested in what I've been doing for the past few days, check out the FloodCam at [www.ndsu.nodak.edu/floodcam](http://www.ndsu.nodak.edu/floodcam)  
It's pretty scary, and only getting higher!

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Brent Alexenko <[alexenko@prairie.nodak.edu](mailto:alexenko@prairie.nodak.edu)>  
Subject: [16954] 40-9er sold...  
Message-ID: <[Pine.OSF.3.91.970409114613.31564C-100000@prairie.nodak.edu](mailto:Pine.OSF.3.91.970409114613.31564C-100000@prairie.nodak.edu)>

Wow!

The 40-9er has been sold. I didn't realize how popular they were. :)  
Thanks so much for all the replies. I wish I had more to part with.  
I'll keep all the responses, in case the deal falls through.

Thanks again!

Brent  
KG0WE

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>  
Subject: [16924] AL7FS - FSFM Results - Vol 1 (long)  
Message-ID: <334B3A31.1B5@alaska.net>

Well, I had to pick a really bad day for propagation. Thank goodness Dan's (KL7Y) antennas blow a hole through to others even when the ionosphere is not interested. Still, this was the toughest of the three trips out to KL7Y. I listened at times for hours (plural) to galactic noise with no QSOs.

This is supposed to be FSFM and sometimes 30 but Dan has no 30 meter antenna up at this time. Therefore this report is FSFM and sometimes 20 meters. :-). As the list is in time order, you will need to wade through the 20 mtr first to get to the 40 mtr stuff.

I had fun but was a bit tired out after 12 hours. Thank you for all your efforts and willingness to take the time to look for me.

Kudos to AA1MI for his major effort and skill. Paul, the 229 was generous. Same goes to AB7OA and his 229. It was very much like the EME contacts I used to work as WA0LPK/KL7 (my old callsign). The signal was a few dB out of the noise which at Dan's is zero or at galactic levels. There were other 229s but they were strong 229s.

Special note goes to VE3OM and KD7S at 1 watt. And also to K0UE at 2 watts. There were a smattering of 3 watt and all others were near QRO at 4 and 5 watts. I tried to get KD7S, Bill to reduce power as he was too strong. His report peaked at 569 on 40 meters with 1 watt. He was not on a variable power rig so we had to settle for 569 at 1 watt.

Well, I said this was long. I guess it is for sure now. Please excuse all typos, I seem to always make at least one mistake.

Again....thanks.

73,  
Jim Larsen  
AL7FS  
Anchorage, Alaska

Best if viewed with a courier type font

April 5 and 6 1997  
Band Mode Time-UTC Call S/P/C  
20 CW 1939 KR0I M0  
20 CW K0FRP C0

20	CW		KG0TH	CO
20	CW		K7NTW	WA
20	CW		K4WZ GA	
20	CW		AA1MI	NH
20	CW		KK6MC	NM
20	CW		VE2ABT	VE2
20	CW		KK5IB	AR
20	CW		N4JS NJ	
20	CW	2043	W1GPJ	IN
20	CW		WA3KSN	NC
20	CW		N6MM CA	
20	CW		W9UQB	AZ
20	CW		WA4QDM	VA
20	CW		N4ROA	VA
20	CW		N4SO AL	
20	CW		AE4JA	GA
20	CW		KA3THS	PA
20	CW	2145	VE7CQK	VE7
20	CW		K04VO	AL
20	CW		WA20CG	WA
20	CW		WA6SAW	CA
20	CW		VE6XT	VE6
20	CW	2240	WB6LMA	OR
20	CW		WB4TPW	OR
20	CW		WA1QVM	MA
20	CW		WE7P ID	
20	CW		KI7MN	AZ
20	CW		WB7WHI	WA
20	CW		KF4GDX	NC
20	CW		KK5RO	OK
20	CW		VE30M	VE3
20	CW		AB7MV	OR
20	CW		VE5RC	VE5
20	CW	2347	WA7OTZ	OR
20	CW		NG7Y OR	
20	CW		WA6VSB	CA
20	CW		W7SBT	OR
20	CW		AB7OA	AZ
20	CW	0042	AB6JA	CA

CQ from 0100 to 0304z with not one answer on 40 mtrs.

Went to dinner. CQ back on 0422 with no QSO until 0438z

AK Sunset is about 0500z at this time.

40	CW	0438	N5AQM	AZ
40	CW		W7SSM	CA
40	CW		W7LNG	OR
40	CW		WF6B CA	

40	CW		N7MFB	WA
40	CW		N6MM	CA
40	CW		K7SS	WA
40	CW		K0UE	CO
40	CW	0540	K2VCO	CA
40	CW		KJ7LB	OR
40	CW		WA6EIW	OK
40	CW		N7RAP	NV
40	CW		N5DUQ	OK
40	CW		N0TFI	CO
40	CW		WA6DLJ	CA
40	CW		N6VZ	CA
40	CW		KG7PV	OR
40	CW	0623	KD7S	CA

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
 From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennnc@alaska.net>  
 Subject: [16925] AL7FS - FSFM Results - Vol 2 (short)  
 Message-ID: <334B3B44.7CBB@alaska.net>

I meant to provide a short summary.

20 mtrs  
 41 QSOs in 19 states and 5 provinces

40 mtrs  
 18 QSOs in 7 states

Combined for the day  
 20 states and 5 provinces

All-in-all, not too bad.

73,  
 Jim  
 AL7FS  
 Anchorage, Alaska

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
 From: "James S. Braun" <jsbraun@frontiernet.net>  
 Subject: [16910] Argosy has been spoken for....  
 Message-ID: <334BD7C6.3DEE@frontiernet.net>

The tittle says it all....



Thanks for your interest / 72's

Scott  
KB2GWF

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: jcyntje@wabi.curinfo.an (Willem O G Cijntje)  
Subject: [16937] Atlas (2)  
Message-ID: <19970409044843.AAA20905@curinfo.curinfo.an>

Hi Guys.

Early morning goof forgot to add my E-mail address:  
<jcyntje@curinfo.an>  
Hope someone got something on the Atlas 110,  
would like to put it back on the air on QRP.  
Jos  
PJ2MI ARCI 9325  
Benelux QRP 773

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: jcyntje@wabi.curinfo.an (Willem O G Cijntje)  
Subject: [16930] Atlas 110  
Message-ID: <19970409025528.AAC19437@curinfo.curinfo.an>

Hi Guys:  
anyone using an Atlas 110? Am looking for mods/updates.  
KRS  
73's  
Jos PJ2MI ARCI 9325

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>  
Subject: [16977] Attenuator  
Message-ID: <M1402384.036.dyddh.1.970409193451Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Preston:

A couple of years ago, I wanted to build that attenuator also. When it was first published, there was a kit to do it, boards, switches, everything. According to the ARRL lab tests, it had very good performance over the hf bands

at least. Don't recall if they went up to 2 meters with it in their tests. Perhaps Zack Lau may have that info squirreled away somewhere.

After a while, it went out of production. All that's available now, I understand, is the basic boards from FAR. You hunt up your own parts.

If you find someone doing the whole kit again, I'd appreciate hearing about it.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>  
Subject: [16978] Attenuator  
Message-ID: <M1402383.035.dyddg.1.970409193450Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Preston:

A couple of years ago, I wanted to build that attenuator also. When it was first published, there was a kit to do it, boards, switches, everything. According to the ARRL lab tests, it had very good performance over the hf bands at least. Don't recall if they went up to 2 meters with it in their tests. Perhaps Zack Lau may have that info squirreled away somewhere.

After a while, it went out of production. All that's available now, I understand, is the basic boards from FAR. You hunt up your own parts.

If you find someone doing the hole kit again, I'd appreciate hearing about it.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: kd4kzq@juno.com (Jim A Norsworthy)  
Subject: [16896] Black Widow/SD-20  
Message-ID: <19970408.154000.10111.3.kd4kzq@juno.com>

Hi Great Gang,

I was just reading a post about the Black Widow and thought I'd send again my experience on finding one. At one time it seemed that they were as scarce as 'hen's teeth' but I thought I put a post here about that. I've gotten quite a few at Wal-Mart, not all stores have it all the time but I always check the Sporting Goods dept. and have found them there. There seems to be more of them as spring fishing season rolls

around. Just thought I'd repost this for those who need one, all so far have been the South Bend 20 footer ( SD-20). Please excuse the bandwidth.

                    TNX,  
            72/73 es CUL de Jim KD4KZQ  
ARRL QRP-L #1060 kd4kzq@juno.com  
"Less is really More" think about it

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [16923] Closed Circuit to N4ROA  
Message-ID: <334d371a.341836355@smtp.usit.net>

(Sorry for the B/W, guys)

Hey, Dan, clean out that mail server! :)

Your mail keeps bouncing back to me with a "server full, unable to create directory, no disk space available" message.

Depending on computer type, I can recommend some free, offline mail readers that will keep the congestion on \*your\* harddrive, rather than the server's -- if that will help.

I need to get a message to you!

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee                    e-mail: mdwatt@usit.net  
                                    http://www.public.usit.net/mdwatt  
                                    "The Curmudgeon's Corner"  
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
~~~~~

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: wa5whn@juno.com (Jay D Miller)  
Subject: [16952] CME (Coronal Mass Ejection)/Solar  
Message-ID: <19970409.091312.4559.0.wa5whn@juno.com>

QRP-Lers,

I had just heard on the National News that NASA is warning Power

Companies & Owners of sensitive Communications Satellites of a Coronal Mass Ejection, from the Sun. A possibility of impact either today or tomorrow with the Earth's magnetic field.

<http://dxlc.com/solar/>

<http://www.sel.noaa.gov/today.html>

WAH00 !! Warm up the 6, 10, 12, 15 meter gear & standby. :-)

72...Jay, WA5WHN grid

square: DM65qd

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: "Lawrence T. Owens" <w4dec@dibbs.net>

Subject: [16950] Contest Software

Message-ID: <334BCC77.7981@dibbs.net>

Hi Gang,

Can anyone tell me how to get ARCI contest software for IBM clone that will

work on a 286 computer?

Have looked thru back issues of QQ but failed to locate the information.

Thanks in advance.

72/73 Larry

W4DEC

QRP ARCI 8835

QRP-L 1045

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: k5id@inetsp.net (Kenton E Graham)

Subject: [16942] Correction to AR contacts

Message-ID: <199704091505.KAA28575@inetsp.inetsp.com>

My failure to acknowledge another barefoot (300mw) 38s in the Ar contacts--  
The contact with WD3P, he was running 300mw rather than the 3 watts I posted.  
Congrats Larry on your first qso with the 38s. I was honored to be thus qso'ed.

Regards, Ken K5ID

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
Subject: [16967] CQC bulletin board  
Message-ID: <199704091758.LAA10010@lynx.csn.net>

A new bulletin board page has been added to the CQC web site. This page will list notes, comments, tips, etc from members and visitors. At the moment it has some hot info on Japanese QRP transceivers including contact info.

Surf to <http://www.mtechnologies.com/mthome> and look for the CQC logo.

73  
Marshall Emm  
AA0XI/VK5FN  
[aa0xi@mtechnologies.com](mailto:aa0xi@mtechnologies.com)  
<http://www.mtechnologies.com/mthome>

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
Subject: [16964] CQC Swap List Update  
Message-ID: <199704091749.LAA09075@lynx.csn.net>

The Colorado QRP Club's Swap List has been updated, with a lot of neat listings including several unbuilt transceiver kits.

Point your browser to <http://www.mtechnologies.com/mthome> and look for the CQC logo, or send an e-mail request for the list to [rschneid@ix.netcom.com](mailto:rschneid@ix.netcom.com)

73  
Marshall Emm  
AA0XI/VK5FN  
[aa0xi@mtechnologies.com](mailto:aa0xi@mtechnologies.com)  
<http://www.mtechnologies.com/mthome>

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: SABorns@aol.com  
Subject: [16971] CQrp Club Call  
Message-ID: <970409143025\_-66899693@emout01.mail.aol.com>

G'day All,

I would like to announce that CQrp (Columbus QRP Club) has a new club call.  
It is K8QR.

73, Steve K8IDN

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Bruce Rattray <rattray@siast.sk.ca>  
Subject: [16960] data book  
Message-ID: <4401210909041997/A00013/RIEL/11B44A550000\*@MHS>

I would like to obtain a copy of Paul Hayden's Data book...it was recommended in EVERY reply I received to my inquiry re rf design information...I need the exact title, and where I can get it would obviously be helpful as well...thanks in advance and 72 - Bruce (VE5RC)

rattray@siast.sk.ca

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Chandler Russell H <rhchan@facstaff.wm.edu>  
Subject: [16991] First Time Builder/QRP Kit  
Message-ID: <199704092250.SAA15622@facstaff.wm.edu>

To All QRP-L List Recipients:

What in your opinion would be a good choice  
in a QRP Kit for a first time builder?

de KF4HKB/AA de Russell  
Williamsburg, VA

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>  
Subject: [16946] Fixed! OHR-100 Foreign BC interference.  
Message-ID: <19970409152927.AAB24475@GARY>

Hello Dick....you are right. I realigned the bandpass and all is well. My mistake. Again I did it without a scope. ( I am trying to buy one...but need to save more money). I tuned in a signal with the Foreign BC on top of it and then realigned the bandpass and POOF! BC was gone and the signal strength of RX station is the same. Thanks for your prompt input as always. I will post this to the QRP-L so everyone knows what happened.

+++++

At 01:58 PM 4/9/97 +0000, you wrote:

>Gary,

>This is the first time I have heard of this problem. I would certainly  
>recheck the alignment using a scope. Improperly adjusted bandpass filters  
>could cause this problem.

>

>73,

>Dick

>OHR

>

73/72

Gary - W2UX

CW is the REAL THING!

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: Jim Hydzik <congress@magpage.com>

Subject: [16928] For Sale: Lots of HF--Moving to Condo/apt

Message-ID: <199704090818.EAA08398@alaska.magpage.com>

Hi Gang,

Some of you already know that for health reasons, we are moving South and right now it looks like 30+ years of marriage and 37 years of ham radio are moving into a small condo in southern NC. See if there is anything you want before my son takes it to a hamfest next month.

Yaesu FT-840 w/CW filter, like new/boxes/manual/hand mic/DC cord \$650

Astron RS-35M Dual Metered, bought with FT-840, with box. \$100

Timewave DSP-59+ with manual, vy clean \$150

Atomic Keyer mounted on top of Nye Viking Iambic Paddle, both for \$70  
(the Nye with the long black paddles)

B&W FL-10/1500 TVI Filter (vy low loss), \$25

MFJ-16010 Tuner, vy gud shape, used on R-4B every day, \$25

Murch UT-2000A roller inductor tuner with turns crank and counter.

Silver roller is perfect! \$95 (just saw one go for \$120)

Kenwood AT-200 Tuner, vy clean \$95

Radio Shack Patrolman 3A Lo-HI-UHF Tuneable receiver, vg condx \$25

Radio Shack Patrolman SW-60 AM-FM-SW(6-16 MHz)VHF-Lo/HI/Air/UHF  
 I bought it new and use it as bedside radio, vg shape \$35  
 Drake MS-4 Speaker \$45 (nope, the rcvr's aren't 4-sale)  
 Ammecom S225 2-Meter xcvr. Havent used it in years, but works,  
 with microphone and original manual, not vy pretty, \$75  
 Icom IC-230 2-Meter mobile, was hooked up backwards/not working/no mic \$30  
 Astatic D-104, wired for Drake T-4X/TR-4 series, with G-Stand \$40  
 ARRL Handbooks, 1980 fair condx, \$10  
 1985 gud " \$14  
 1986 gud " \$14  
 Ten-Tec Corsair II Owners Manual w/tuning stick + DC connector parts \$10  
 Datong FL-3 Auto-notch audio processor/filter w/orig. box>manual \$125  
 Ramsey 30M TX and RX + McElroy teardrop Straight Key mounted in  
 the family's 1977 Olds 98 Regency w/102,000 miles, will not split, \$800

Plus shipping, except for Ramsey/Olds 98 package...XYL will deliver with  
 title within 800 miles. There's a lot more junque too so if you're  
 coming by, being a large vehicle. Will consider a Yaesu FT-10 or FT-50  
 in trade.

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
 From: Bob Hightower <ki7mn@dancris.com>  
 Subject: [16905] FSFM  
 Message-ID: <199704090226.TAA29753@dancris.com>

Had a good evening so far for FSFM...caught Ken K5ID on both 30 and 40. No  
 sign of either Bob W0LK or Bill W7KXB yet..maybe later.  
 73,  
 Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP  
 ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
 From: Bensondj@aol.com  
 Subject: [16903] GM-10 is out of the hanger  
 Message-ID: <970408221527\_-1670335568@emout19.mail.aol.com>

Hi gang-

This is let you know that the 10-meter version of the GM-series is now  
 available. My thanks to the folks who waited patiently for this flavor- I've



now begun shipping these to a few of the 'early birds'.

I've set the output filter design for a 1.5 watt output level, and I'm happy to report there's considerable drive reserve available to make that happen. Other characteristics are comparable to the other members of the GM-series, and it's at the same price (\$75 postpaid). Check with me if you need further information.

On another note-

One of the well-known inhabitants of this list made me an offer I couldn't refuse- he sent me an order! I'm happy to report that the GM-12 version will be out shortly, in good time for the WARC-band propagation studies currently afoot.

Thanks & 73-  
Dave Benson- NN1G

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: fmathews@norfolk.infi.net (Frank Matthews)  
Subject: [16986] Help!-Shortwave Station on QRP Receiver  
Message-ID: <v01530500af716eb04beb@[208.131.170.209]>

I just completed the "Neophyte" receiver found in QRP Classics. It works great except that SOME of the time a shortwave station can be heard across the entire band (mine is tuned from 6.995-7.310 MHz). Since I'm a new "qwerp" (that's what my wife calls me now) any suggestions would be appreciated...or is this just the nature of the 40 meter beast at times?

Thanks for any help you can lend!

73's, Frank

Frank Matthews  
Technology Education Department  
Oscar F. Smith High School  
Chesapeake, VA 23320  
fmathews@norfolk.infi.net  
KC4FKX

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: Scott Bauer <ke3nv@erols.com>  
Subject: [16969] HW-8 mods, the book  
Message-ID: <199704091819.0AA22179@smtp2.erols.com>

Hello,

I remember postings a while ago about a book someone sells for HW-8 mods. At the time, I did not have one, so didnt save the files. If any one could pass the info to me, I sure would appreciate it.

Thank you very much,

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV  
Fists 1502 QRP Nut SWL Truck Pilot ARRL  
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40  
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80. Emtech NW-8030  
49er 38 special at 300mw  
visit my web page at <http://www.erols.com/ke3nv/>

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>  
Subject: [16935] K0FRP [Fwd: Re: ARCI spring QSO party team invite]  
Message-ID: <334B8921.8F8@swbell.net>

This is a multi-part message in MIME format.

-----4A0E4C0E4706  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Howdy all!  
Sorry for the BW, but the e-mail bounced.  
CU---OJ---K10J

..

-----4A0E4C0E4706  
Content-Type: message/rfc822  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Message-ID: <334AC6CA.12F9@swbell.net>  
From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: k5id@inetp.net (Kenton E Graham)  
Subject: [16932] K5ID RESULTS--AR FSFM

Message-ID: <199704091135.GAA26819@inetsp.inetsp.com>

Hi All--

Tiring but fun, I made it thru 4 hours of static crashes to pull in those magical signals.

Rig was Ten Tec Delta at 5w, feeding G5RV in inverted vee at 30'. This G5RV uses no coax junction (direct feed of 450 feeders thru ant tuner) and is broadside east and west.

30m:

|        |                                  |        |      |       |                            |
|--------|----------------------------------|--------|------|-------|----------------------------|
| kb8umd | 559                              | john   | mi   | 5w    | 0004                       |
| ki7mn  | 559                              | bob    | az   | 5w    | 0008                       |
| w6emd  | 549                              | dave   | ca   | 2w    | 0012                       |
| w9ki   | 599                              | howard | ar   | 5w    | 0015                       |
| wb6esq | 589                              | randy  | ca   | qro   | 0017                       |
| w7dy   | 559                              | roger  | id   | qro   | 0028                       |
| ks4hq  | 569                              | bob    | nc   | 5w    | 0040                       |
| kf6cta | 559                              | dick   | ca   | 4w    | 0042                       |
| k8ff   | 569                              | wayne  | oh   | 4w    | 0051                       |
| ki4ro  | 559                              | john   | va   | 200mw | 0156 great 38s barefoot... |
| k8ff   | break for a friendly visit...    |        |      |       |                            |
| n3qoo  | 449                              | john   | co   | 5w    | 0118                       |
| n0eli  | 559                              | lou    | ar   | 5w    | 0123                       |
| ab7tk  | incomplete --got him later on 40 |        |      |       |                            |
| ke6jjr | 559                              | mark   | ca   | qro   | 0139                       |
| 8p6da  | 549                              | ?      | barb | qro   | 0146                       |
| wa1qvm | 559                              | joel   | ma   | 5w    | 0149                       |
| wd3p   | 559                              | larry  | md   | 3w    | 0151                       |
| kk6fi  | 559                              | bob    | ca   | 4w    | 0155                       |

40m

|        |     |       |    |     |      |
|--------|-----|-------|----|-----|------|
| n4roa  | 559 | dan   | va | 5w  | 0200 |
| k8cv   | 559 | walt  | mi | 2w  | 0204 |
| n3qoo  | 339 | john  | co | 5w  | 0207 |
| wd4msm | 559 | barry | in | 5w  | 0210 |
| ks4hq  | 569 | bob   | nc | 5w  | 0213 |
| ab7tk  | 559 | randy | id | 2w  | 0217 |
| ki7mn  | 569 | bob   | az | 5w  | 0218 |
| k4zed  | 599 | kerry | fl | qro | 0237 |
| kd6zee | 559 | bob   | ca | 2w  | 0256 |
| w6emd  | 559 | dave  | ca | 5w  | 0308 |
| wa9wig | 569 | joe   | sc | ?   | 0319 |
| k5bnz  | 569 | bud   | nm | 3w  | 0321 |

kh6dfw 569 tuck hi qro 0330 shucks! why not qrp??  
wa6nae 559 dwight ca 2w 0337  
kd7s 559 bill ca 5w 0354

As you can see the 6'es walked away with the trophy. No short skip on either band; the AR's were ground wave, I suppose.

I was surprised that 30m brought in more q's than 40... I stayed busy most of the 4 hours! Corrections?

-72/73- Ken K5ID still barefoot in Arkansas

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Dave Fifield <fifield@pacbell.net>  
Subject: [16907] Latest QQ - Double Xtal VXO Approach???  
Message-ID: <334B64B1.2FA9@pacbell.net>

I've been told that there is an article/snippet in the latest ARCI QQ magazine that talks about increasing VXO tuning range using two xtals instead of one.

I haven't gotten my copy of QQ through the mail yet, and I'd really like to get the details of this idea ASAP. Please could some kind person email/snailmail/fax me a copy of this article so I can get busy on it!

Thanks,  
72 de Dave Fifield, AD6AY  
Fax (408)749-7582

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Mike Czuhajewski <wa8mcq@u1.abs.net>  
Subject: [16918] Meet K5F0/3 (Calverton MD?)  
Message-ID: <Pine.BSI.3.93.970409004515.11866A-100000@u1.abs.net>

I still have not heard anything from K5F0, either e-mail or qrp-l or phone, telling me where he is in Maryland, so I can only make some educated guesses as to what area he is in, which is the Calverton region. That's just north of the Capital Beltway, off I-95; might be the first exit after I-95 veers off from the Beltway but I'm not sure. It's Powder Mill Road, and I think the number is Route 212. Most definitely south of the Laurel exits!

Since Chuck told me to decide on a place and time on Thursday, and has not spoken up after that, I'll decree that we'll meet at TJ's (I think it is) in Calverton, which is the same place we met several times already. That will be Thursday night, at 1930 hours local to give everyone time to get there. I don't know if anyone else will make it, maybe not even Chuck, but I'll be there!

Attention K3TKS: Danny, please post immediately if these instructions are wrong! From the Calverton exits from I-95 just north of the Capitol Beltway, head west. I think the road is Powder Mill, AKA Route 212, but Danny will have to verify that. As you go west from 95, there will be a ten or so story high hotel on the left, perhaps a Holiday Inn. (Danny says Chuck is probably staying somewhere else this time instead of there.) Instead of turning left at the light to go to it, turn right instead. The road will then turn sharply to the right, and there's a shopping center on the right (sneaks up on you pretty quickly). In that shopping center is an eatery called TJ's (I think that's what it is), fairly close to the large grocery store. I'll plan on being there at 1930 hours on Thursday.

Here's my work phone number: 410-290-1919, or 301-621-3340 (a DC metro number). If anyone has any questions about how to get there, give me a call. I can't guarantee that I'll be able to check e-mail very often in the next few days.

K3TKS: please verify these directions and post any clarifications.

73 and Queue Our Pea DE WA8MCQ                      wa8mcq@abs.net

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Pete Meier -- WK8S <pmeier@tir.com>  
Subject: [16933] Mike Bryce email address??  
Message-ID: <199704091200.IAA09449@tir.com>

Anyone know Mike Bryce's email address??  
Could you send it to me please?

Pete WK8S  
pmeier@tir.com

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Len W. Touth" <len@infinet.com>  
Subject: [16929] NEW CALL FOR KG8SF  
Message-ID: <199704091019.GAA12997@mail1.infinet.com>

Hello all:

Well, the vanity came through. I believe this was my last choice on my vanity list, but at least I got one of my choices!!!!

I am now W8VQ

Please make your necessary changes-

I guess I need to take a week off and make all of mine - ARGH!

Best 72/3

W8VQ

Formerly KG8SF

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Swanson, Glenn, KB1GW" <gswanson@arrl.org>  
Subject: [16989] New: The KB1GW web page...  
Message-ID: <m0wF5J9-0004s7C@mgate.arrl.org>

Greetings,

Feel free to check out the KB1GW personal web page at:

<http://www.geocities.com/CapeCanaveral/1138/index.html>

(Yes, I have a QRP area. Among other things, photos of my SW-40 (aka NE 40-40) to come... so be sure to "bookmark" the page.)

Enjoy.

Sincere 73,  
Glenn, KB1GW

Well gang,

[illegible]

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
 \*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*

\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: torell@sicom.com (Kent Torell)  
Subject: [16949] PROPAGATION: chicken little report  
Message-ID: <v02130502af71621fb477@[192.91.202.41]>

The solar weather forecasters just love to predict rainy weather for the weekends...they have about as much success as the terrestrial weather forecasters too! :-). Space monitoring shows the sun threw off another mass of stuff, and 'this time, for sure' it will hit us...maybe. Anyway, predictions are for geomagnetic storming to hit the evening of the 10th (thursday).

Excerpts follow:

-----

SYNOPSIS...

A confirmed solar flare related Earth-crossing coronal mass ejection observed on 07 April is expected to impact the Earth beginning either late on 10 April or early on 11 April. Current projections estimate arrival sometime near or between 22:00 UTC on 10 April and 09:00 UTC on 11 April. If this disturbance arrives late on 10 April, most of northern North America (middle and high latitude regions) should be well-placed for observing auroral activity, particularly under dark skies. If the disturbance arrives later on 11 April, European and Australian/New Zealand regions should be best placed for observing the most intense phase of activity. We currently expect auroral activity to reach moderate levels during the first 12 to 18 hours of the disturbance.

.....

Confidence is high this disturbance will have an impact on the Earth. The only serious unknown is the intensity of the anticipated activity. The probabilities are divided approximately like this: 15% probability for high levels of activity, 50% probability for moderate levels of activity, and 35% probability for a weaker impact.

.....

HIGH RISK PERIOD: 11 Apr (UT days)  
MODERATE RISK PERIOD: 10 - 12 Apr

POTENTIAL LOW-MIDDLE LATITUDE STORM INTENSITY: MINOR  
POTENTIAL HIGH LATITUDE STORM INTENSITY: STRONG MINOR

POTENTIAL DURATION OF GEOMAGNETIC STORM: APPROX 24 HOURS  
DURATION OF MAIN BELT OF ACTIVITY: APPROX 12 TO 18 HOURS



POTENTIAL PEAK LOW-MIDDLE LATITUDE K-INDEX VALUES: 6

POTENTIAL PEAK HIGH LATITUDE K-INDEX VALUES: 7

EXPECTED DOMINATING LOW-MIDDLE LATITUDE K-INDEX: 4 TO 5

EXPECTED DOMINATING HIGH LATITUDE K-INDEX: 5

POTENTIAL FOR LOW LATITUDE HF DEGRADATION: MODERATE

POTENTIAL SEVERITY OF HF DEGRADATION: MINOR

EXPECTED HF PROPAGATION CONDITIONS: GOOD TO OCCASIONALLY FAIR

POTENTIAL FOR MIDDLE LATITUDE HF DEGRADATION: MODERATE

POTENTIAL SEVERITY OF HF DEGRADATION: MINOR

EXPECTED HF PROPAGATION CONDITIONS: FAIR TO OCCASSIONALLY POOR  
(WITH BRIEF VERY POOR PERIODS)

POTENTIAL FOR HIGH LATITUDE HF DEGRADATION: HIGH

POTENTIAL SEVERITY OF HF DEGRADATION: STRONG MINOR

EXPECTED HF PROPAGATION CONDITIONS: POOR TO OCCAS. VERY POOR

Kent Torell    torell@sicom.com    602-607-4852

SICOM    7585 E. Redfield, #202    Scottsdale, AZ    85260

AB70A    scQRPion 6,qrp-1 57,ARCI 9075    DM33xn    33.55 N 112.078 W

From owner-qrp-1@Lehigh.EDU    Wed Apr 9 18:03:59 1997

From: Brad Mugleston <bmug@gw1.com>

Subject: [16945] QRP - kind of

Message-ID: <01BC44BC.6A655EE0@pps-pc10.gw1.com>

This is kind of QRP related so I will ask it here.    When I get my EMAIL (I use Microsoft Exhcange in Windows 95) I am always changing my font to Courier so i can see the great pictures you guys post.    Does anyone know a why to make Courier my default font for incoming EMAIL - its no problem for out going that's easy to change.

Thanks

Brad, KBØROL

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>  
Subject: [16976] QRP Classics  
Message-ID: <M1402381.033.dydde.1.970409193449Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Frank:

I've noticed that many of the ham flea markets I attend have people selling older ham books, such as ARRL Handbooks, etc.

You might try hitting any in your area, as well as have your friends check other flea markets you might not be able to attend.

Another possibility is stores that sell used books. When I got started in computers, I built up a nice library very inexpensively by hitting the used books stores.

Good luck and 72,  
Bob N6WG

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Guy Dragoo <gdrag@proedge.com>  
Subject: [16988] QRP Computer Forsale  
Message-ID: <01BC4503.AD6F4420@gdrag.proedge.com>

Hi gang,

I have a HP Palmtop HP95LX (512k version of 1 Mb 100/200LX but I have a = 2mb memory expansion flash card installed). This unit has all of the HP = bells and whistles including built in applications (as well as using = those available from other places). I have Act for the HP palmtop (a = personal contact manager) and a HP cradle (HP option) with a US Robotics = Worldport modem that fits the palmtop (real small and built for the = palmtop exclusively). It also has a leather case (HP option) and a HP = computer interface (HP option) for exchanging data with your PC. All of = these item sold new for well over a thousand dollars. I have the boxes = and documentation. I just don't ever use the lil feller any....so if = you are interested I will make you a deal. How bout \$395 for all and = I'll cover shipping. If that doesn't sound fair make me an offer.  
Guy AC5HL =20

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Jerry Parker <jparker@fix.net>  
Subject: [16951] QRP+

Message-ID: <2.2.32.19970409161723.00d556a4@fix.net>

Hi Gang,

I have been following with interest the discussion on the QRP+ and Index Labs.

I have two questions:

1. Is there an online archive devoted strickly to the QRP+.
2. Is there an interest in establishing one.

I own a QRP+ so I have an interest.

Please let me know your thoughts directly and NOT to the list.

Thanks and 72,,,Jerry...WA6OWR...K

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: tahrens1@juno.com (Tim H. Ahrens)  
Subject: [16973] QRP+  
Message-ID: <19970409.135616.16295.2.tahrens1@juno.com>

Anybody know what processor (MPU/MCU) the  
QRP+ uses?

Thanks,

Tim W5FN

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Larry East <w1hue@amsat.org>  
Subject: [16972] QRP+ Support  
Message-ID: <2.2.16.19970409184542.4527ba6e@eloi>

I sent email to SGC yesterday asking what level of support, if any, they  
plan to provide QRP Plus owners. I'll pass along any response I get (none as  
of yet). I've never had any dealings with SGC, but the marketing BS for

their antennas and tuners tends to turn me off...

Frankly, I have not been very impressed with the "support" received from Index. My QRP+ was received more than a month after it was promised and it took another three months and four phone calls to finally get the mic I had ordered with the rig. I started my "mods binge" after sending my rig back the second time for replacement of the input mixer that got zapped, apparently by static discharges from my antenna. Bruce called and told me that "I had a problem with static or RF, and I'd better fix it" because they would not replace the mixer again. I told him that they should have some protection for the mixer and he replied that if I didn't like the radio as-is, I could get my money back. Nice offer, but it didn't fix the fundamental problem. So, I fixed it myself ... and a lot of other problems as well! A request for some replacement parts sent to Index in November (and again in January) went unanswered -- so I got them elsewhere.

When it comes to maintaining ham equipment (and most other things as well), my motto is: "If you want it done right, do it yourself!"

72, Larry W1HUE/7

PS -- Think I'll pass on any QRP-L group buy for the new SGC rig...

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: n4so@juno.com (charles k brown)  
Subject: [16917] ReSearching QRP Topics  
Message-ID: <19970408.223601.6999.4.n4so@juno.com>

Currently 73 Mag., CQ Mag. and QST Mag. publish Annual Indexes during December of each year. For researching QRP topics of past articles this makes the December issue one of the most important if you want to research articles and topics from the past. Suggestion: Photocopy the Annual Index, mark the QRP sections and related topics. File it in a folder and save it.

Ken Brown, N4SO  
QTH nr Mobile, AL  
qrp-l #622  
n4so@juno.com  
QRV on 30 meters and looking for 38 Special contacts

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Russ Carpenter <russ@natworld.com>  
Subject: [16963] Results of the APRIL 7 SPARTAN SPRINT  
Message-ID: <199704091737.NAA74976@nss2.CC.Lehigh.EDU>

Here are the results of the Spartan Sprint held on April 7. 20 meters was still alive at the beginning of the contest, suggesting good times ahead with the longer hours of daylight. We sure need 20 meters, because 40 and 80 are starting to get pretty noisy.

Your contest manager is not eligible for prizes. Otherwise, the two top scores in both categories will receive handsome certificates from ARS.

We gave double points for contacts on 20 and 80 meters. The Soapbox has been posted separately today on the QRP-L.

Results, sorted in points per pound.

|        |          | 20m | 40m | 80m | Total | Wt. | Points/Pound |
|--------|----------|-----|-----|-----|-------|-----|--------------|
| W3TS   | Mike     | 0   | 0   | 12  | 12    | .8  | 15.00        |
| AB7TK  | Randy    | 0   | 5   | 0   | 5     | 2.4 | 2.08         |
| KK5RO  | Vernon   | 0   | 11  | 0   | 11    | 9.5 | 1.16         |
| WD8RIF | Bill     | 0   | 0   | 10  | 10    | 9   | 1.11         |
| N0IBT  | Dave     | 0   | 5   | 0   | 5     | 5   | 1.00         |
| N2VPK  | Mark     | 4   | 3   | 4   | 11    | 13  | 0.85         |
| AC6XK  | Lorraine | 0   | 3   | 0   | 3     | 3.8 | 0.79         |
| Ko6TS  | John     | 0   | 1   | 2   | 3     | 8   | 0.38         |
| AA7QU  | Russ     | 6   | 12  | 0   | 18    | 50  | 0.36         |

Results, sorted in points (the "Tubby" division).

|        |          | 20m | 40m | 80m | Total |
|--------|----------|-----|-----|-----|-------|
| AA7QU  | Russ     | 6   | 12  | 0   | 18    |
| W3TS   | Mike     | 0   | 0   | 12  | 12    |
| N2VPK  | Mark     | 4   | 3   | 4   | 11    |
| KK5RO  | Vernon   | 0   | 11  | 0   | 11    |
| WD8RIF | Bill     | 0   | 0   | 10  | 10    |
| AB7TK  | Randy    | 0   | 5   | 0   | 5     |
| N0IBT  | Dave     | 0   | 5   | 0   | 5     |
| Ko6TS  | John     | 0   | 1   | 2   | 3     |
| AC6XK  | Lorraine | 0   | 3   | 0   | 3     |

Russ Carpenter, AA7QU  
ARS Contest Manager

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: John Mckee <JMckee@RFMD.COM>  
Subject: [16936] rf design and attenuators  
Message-ID:  
<c=US%a=\_%p=RF\_Micro\_Devices%l=PACHACUTEC-970409122935Z-1539@proxy1.rfmd.com>

Hello Gang,

"Introduction to Radio Frequency Design" by Wes Hayward is also a good book to have in your ham library. The software that comes with the book is very useful. I've used the filter analysis program to design filters for QRP rigs that perform very close to the simulation.

73

John WB4OFT

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: ka7you@juno.com  
Subject: [16984] SGC Info-update  
Message-ID: <19970409.123658.4671.1.KA7YOU@juno.com>

I spoke with Mr Peter Kennedy, of SGC Inc, on the telephone today and asked him if he was aware of the discussion on thew QRP-L reflector, about the concerns of the Index Labs customers. He said he was aware of it, but indicated that he may not see or read all of it. I didn't ask him any specific questions about the business activity, or about whT OTHER INPUT HE MIGHT HAVE, but asked if he would mind if I dropped off copies of the various postings that I have saved. He said he didn't mind, but would rather people would mail them directly to him at SGC.

The address is: Mr. Peter Kennedy

SGC INC

13737 SE 26th

Bellevue, Wa, 98005

He seemed friendly enough, but non-commital. Mr. Kennedy did say that that SGC would do as much as they could (or similar words) to maintain customer satisfaction. He said that he feels that SGC builds good quality equipment at a reasonable price, and has no desire to alter that business plan, but a lot of things are being looked at, and responses to individual comments, where needed, will be handled as time permits. (my wording)

The file is getting fatter...

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz  
NWQRP/#120 ARCI/#7251  
QRP-L/#844

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Jess Gypin <jgypin@bi.com>  
Subject: [16981] SLV coil mods and such.  
Message-ID: <334BF7D9.1E9C@bi.com>

Hi all,

Thanks to all that responded to the request for ideas that I had for the MMA coil mod mount for the SLV. I have gotten the coil mounted and base mounted and all is looking pretty good. There are a couple of things that are not worthy. The MMA coil is a nice piece of work. The mounting scheme and the coil are first class. It does require that you modify the pole and have some different top wires and radials for use. I have not done a comparison on the new coil yet but I will. I did modify the only pole that I had at the time for the MMA coil and had to discombooberate the N0TFI coil. As you might remember, I had modded the original SLV by adding a coil made from wrapping the lower half of the SLV with insulating foam and coil form wire. This design is explained on my web page at

<http://www.concentric.net/~jessqrp>

I think that the original coil mod that I came up with still has its place. It might not be as efficient as the MMA coil, but it does allow for some different flexibility. You do not have to mod or cut the pole, which means that the pole itself is all self contained still. With the MMA coil, you must glue the mounting base to the pole. With the Black Widow pole, this shortens the pole enough that when you cut the screw cap off the bottom, that the pole will not self store anymore. This is not a big deal, just does not allow for the same portability. I am going to build back up the original coil mod that I did some time in the next few days and compare the two. Who knows I might even get crazy and phase the two on 40 meters! I read Paul's post about the slotting of the pole and Vern is making the coil a bit different. He has inserted a screw clear across the PVC mount end below the wedge adapter to and put a piece of foam pipe insulation in there to keep the bottom of the pole from resting on the coax connector. This is a well thought out mod. It is possible that the coil mod I did might allow for a little more flexibility in tuning but might not be as effective.

Just different approaches to the same solution.

I did temporarily solve the fit problem on the Black Widow by putting a bit of electrical tape on two parts of the bottom so that it is a tight wedge fit into the base holder thingie (BHT official acronym!) so that

the pole will stand up tight in the base. The MMA coil is quite a bit heavier than the coil mod that I did and it was real easy to just take the screw cap off of the bottom and jam a big screw driver in the ground then just slip the pole over that. With the foam and wire coil wound on the bottom, the pole is a lot lighter.

Will keep you posted, bottom line is that now I will have two antennas to play with instead of one!

If anyone would like some of the tinned coil wire that I used to make my version of the coil, send me an email at [jessqrp@concentric.net](mailto:jessqrp@concentric.net) and I will send a chunk along for the cost of the postage..

Best

Jess N0TFI

<http://www.concentric.net/~jessqrp>

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Russ Carpenter <[russ@natworld.com](mailto:russ@natworld.com)>  
Subject: [16962] Soapbox for the April 7 Spartan Sprint  
Message-ID: <199704091737.NAA28897@nss2.CC.Lehigh.EDU>

>From Mark, N2VPK

Participation appeared to be light here in the east. Nevertheless, there was one nice surprise; working AA7QU on 40M!

\*\*\*\*\*

>From Randy, AB7TK

I succumbed to the lure of extra points for 20 and 80 m contacts. However it was to no avail. I was on 20 for the first 15 minutes calling and listening, but hear only UA0s. I then moved to 40 where things were better, but not great. At 0230 I moved to 80 but it wasn't very populated, so I moved back to 40.

I used the Sierra, G4ZPY paddles, 8-AA batteries, and a small earpiece for a total weight of 2.4 lbs. The 5 Qs gives a result of 2.08 Q/L.

Hopefully, the snow will be gone from the mountains for the May SP, so I'll be able to get out of the house.

\*\*\*\*\*

>From Bill, WD8RIF



Didn't hear much Spartan Sprint activity. Was able to operated less than an hour

\*\*\*\*\*

>From Mike, W3TS

Got off to a late start due to a phone call at 9:02 PM then my Monday night sked at 9:30 PM. Finally got to the sprint and the QRN was very bad and not too may stations heard or worked on 80M. Only worked 80 this time and made 6 QSOs. My lowest so score so far.

Rig was my SW-80 and ear buds and micro keyer powered by 10x AAA nicads into a 60 foot high inverted vee.

>From John, Ko6TS

Drove up to Mt. Pinos at about 8,000 feet. It took me a while to figure out which weight would overcome the friction of the pine bark and bring my line back to me. I'm sure I looked like a complete idiot, to anybody driving by, "fishing" in an 80' pine tree . . .

This was my first sprint--and it was fun. Next time maybe it will be warm enough that I can spend more time on the air than inside the car getting warm!

\*\*\*\*\*

>From Lorraine, AC6XK

Very noisy band tonight!! I had so much QRM that I almost said, "forget it!"

Thanks go to my 3 QSO's AA7QU, AB6SO, and KK5R0! :)

\*\*\*\*\*

>From Russ, AA7QU

Your contest manager entered the tubby division, to practice for the upcoming ARCI QSO party.

Making 15 contacts wasn't bad, but my keyer went beserk at the beginning, leaving me with a red face!

From: "Thomas J. Whalen" <whalen@swcp.com>  
Subject: [16966] solder info  
Message-ID: <Pine.SUN.3.91.970409115218.21671B-100000@kitsune.swcp.com>

Thanks to all the responses to the above! See you all on this weekend  
for the QRP ACRI contest! Tom WB5QYT

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
Subject: [16975] Special Offer, 73  
Message-ID: <199704091917.NAA17962@lynx.csn.net>

As a sometime contributor to "73 amateur Radio Today" I have used  
all of my persuasive powers [g] to talk them into a special  
subscription deal EXCLUSIVELY FOR QRP-L members.

Say what you want about Wayne Greene's politics and editorials, I  
still think "73" has more useful information and projects for the HF  
and QRP enthusiast than any of the other national magazines. For  
example, ALL of these articles were in ONE issue (January '97):

A keyer project,  
Mods for the Ramsey FX transceiver,  
A receiver pre-amp project,  
An comprehensive article on rechargeable batteries,  
A pos/neg power supply project, and  
An enhanced automatic voltage controller project.

There are a lot of useful regular features, too, including reviews  
by yours truly and a monthly QRP column by Michael Bryce, WB8VGE.

Here's the deal-- subscribe between now and May 31st, 1997 for  
\$19.97. That's a savings of \$5 over the normal price of \$24.97.  
Existing subscribers CAN renew or extend their subscriptions at that  
price, too.

To subscribe/renew/extend at the special price call  
800-274-7373 and mention the QRP-L Special. Or write "QRP-L Special"  
on a subscription card from the magazine.

73  
Marshall Emm  
AA0XI/VK5FN  
aa0xi@mtechnologies.com  
<http://www.mtechnologies.com/mthome>

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
Subject: [16983] Special Offer, 73, Mailing Address  
Message-ID: <199704092036.0AA25676@lynx.csn.net>

>>Mailing address for us do not have a copy of the  
magazine?<<

Should have included that, shouldn't I...

Send your check or /mo for \$19.97 to

73 Magazine  
70 Route 202 N  
Peterborough, NH 03458

Be sure to put "QRP-L Special Offer" on the paperwork somewhere.

I probably also should have added a "usual disclaimer," to the effect  
that I'm not getting anything out of this unless maybe they get so  
many new subscribers they can afford to pay a little more or a  
little faster for articles [g].

73  
Marshall Emm  
AA0XI/VK5FN  
aa0xi@mtechnologies.com  
<http://www.mtechnologies.com/mthome>

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: ed.welch@cheaha.com (ED WELCH)  
Subject: [16919] Tektronics Fax Service....  
Message-ID: <8D58502.00040020F9.uuout@cheaha.com>

Getting lots of requests for the fax information (now, why didn't I jsut  
go ahead and post it?...DUHHH)

So...here it is.

<< The Crenshaw County BBS >> Node 2 04-07-97 22:07  
Name: ED WELCH

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: John McKee <JMckee@RFMD.COM>

Subject: [16938] The secrets out

Message-ID:

<c=US%a=\_%p=RF\_Micro\_Devices%l=PACHACUTEC-970409123616Z-1547@proxy1.rfmd.com>

Hello Gang,

My QQ came in the mail yesterday. While browsing through it, I noticed a short (and out of date) announcement about Portsmouth. It seems we have become the "KnightLifes". Oh well I guess the whole world knows about our UNINHIBITED island now.

73 es Yahooooooooooooooooo!

John WB40FT

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: Brian Cieslak <brianc@ams-i.com>

Subject: [16974] toroid question.

Message-ID: <c=US%a=\_%p=Adaptive\_Micro\_S%l=AMS-I\_SERVER\_-970409191148Z-4150@ams-i-server-1.ams-i.com>

I know this is probably answered in Paul harden's book that I hope to get soon but things are slow at work to day so I thought I would 'ask the experts'

When designing a toroid for a specific value inductance..do you take into account that the windings are evenly spaced all the way around the core or if the windings are close wound on the core leaving a big section of it without windings...I was contemplating this when winding the toroid for the 38 s that had only 8 turns on it (i think it was 8) I could have wound it with widely spaced turns all the way around the toroid ( which is what I was always taught) or close turns turns just along a 1/4 of the form. Or is there no difference?

Brian AE9K

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: Dave Fifield <fifield@pacbell.net>

Subject: [16908] Twofer?

Message-ID: <334B64F6.5787@pacbell.net>

Please could someone send me a copy of the old "TWOFER" rig design, or point me at where I can find it in an old mag/book? I've scoured all my old magazines and books and can't find it anywhere....I swear that I've

got it somewhere though!

If you could fax me a copy fast, that would be best. All costs reimbursed of course...

Thanks in advance,  
72 de Dave Fifield, AD6AY  
Fax (408)749-7582

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Len W. Touth" <len@infinet.com>  
Subject: [16959] Update on the CQrp MRX-40 KIT!  
Message-ID: <199704091718.NAA15940@mail1.infinet.com>

OK Qrp-ers and kitbuilders alike:

The CQrp MRX-40 shipping is rapidly approaching. K8IDN informs me that all we are waiting on is the boards, and they are due within 10 days, so hang on to your hats!

If you have not ordered, please check out the CQrp web site:  
<http://www.infinet.com/~len>  
follow the links to CQrp and then to MRX-40.

The MRX-40 is a miniature 40 meter receiver meant to complement the Micronaut, but it can certainly be used to complement just about any transmitter that transmits around 7040.

More details will follow as the ship date approaches.

Best 72/3  
Len  
W8VQ  
[len@infinet.com](mailto:len@infinet.com)

---

|             |          |             |              |
|-------------|----------|-------------|--------------|
| QRP-L # 841 | CQrp # 2 | ARCI # 9025 | FISTS # 2134 |
|-------------|----------|-------------|--------------|

HF Digital Communications - CW/Pactor/G-Tor/RTTY/Amtor  
CHARTER MEMBER - THE COLUMBUS QRP CLUB - \*CQrp\*  
Web Page: <http://www.infinet.com/~len>  
QRP Homebrew Rigs = OHR 400, S&S TAC-1, NORCAL 38S, SWL GM-15,  
Kanga Any Band Xmitter, Bare Essential 50c5 Xmitter

---

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>  
Subject: [16939] URL correct question  
Message-ID: <199704091252.HAA00943@vob005.spd.dsccc.com>

Frank G3YCC <g3ycc@gqrpclub.demon.co.uk> wrote yesterday ( Frank> )  
frank>  
frank> Subject: Web Site, latest.  
frank>  
frank> New additions:  
frank>  
frank> G0DJA's homebrew projects (Beacon keyer, Microkeyer,  
frank> 73khz tx and a 49er for 80 - 89er?)  
frank>  
frank> <http://www.gqrpclub.demon.co.uk/g0dja.htm>  
frank>

Is this URL correct? Did anybody try it successfully?  
72s,  
Charles Cashion QRP-L#76 w5isz

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Peter\_Simpson@3mail.3com.com  
Subject: [16931] VCR Tuner info found!  
Message-ID: <85256474.003CFD98.00@hqoutbound.ops.3com.com>

Peter Simpson@3COM  
04/09/97 03:12 AM

I posted a couple of days ago, asking for VCR salvagers to come forward. I found what I was looking for, because several kind people on this list replied. I am always amazed at the information available here. You all are kindred spirits, and I always look forward to my daily QRP-L

digest "fix" :-)

Anyway, if anyone else is looking for this information, pick up a copy of the April \_73 Amateur Radio Today\_ magazine. There's an article (the first of three) by Hugh Wells, W6WTU, telling how to use salvaged varactor tuners from VCRs and TVs for all kinds of things.

Ain't dumpster diving fun?

72, and thanks!  
Peter, KA1AXY

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Jeff Jones <jeffj@crl.com>  
Subject: [16900] Wanted 49er schematic  
Message-ID: <Pine.SUN.3.91.970408181141.10200A-100000@crl.crl.com>

I am looking for the 49er schematic. I moved and seem to have lost it and now I can't sleep nights worrying. 8-) I'd like to have a copy for future reference so if some one could direct me to where I could get a copy I would be grateful.

Thanks!

Jeff Jones  
AB6MB

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Mike Duke <gmduke@oscar.teclink.net>  
Subject: [16902] WHO WAS LOOKING FOR A TENTEC FILTER?  
Message-ID: <Pine.GSO.3.95.970408204802.1278D-100000@oscar.teclink.net>

Two or three weeks ago, someone was looking for the Ten-Tec Audio cw filter for the Argonaut. If you didn't find one, please e-mail me just in case UPS doesn't find my Argonaut. BOO WHO WHO.

73, de K5XU

Mike Duke,  
Jackson, MS

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Kory Hamzeh <kory@avatar.com>  
Subject: [16911] Wilderness Sierra Current Usage  
Message-ID: <Pine.BSI.3.91.970408200716.18991A-100000@avatar.avatar.com>

Hi folks,

I put together my Wilderness Sierra and it is putting out about 2.25 watts on 80 meters. One thing that is kind of bother me is that on transmit, its sucking about 425 ma with a 12.9 volt gell cell. The spec calls for 325 on transmit. On recieve, it is 35 ma which matches the spec. Should I be concerned about this? What could be causing this?

Thanks,  
Kory  
AC6RN

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
Subject: [16916] WTB:Argosy CW filter  
Message-ID: <970409043845\_70511.3041\_IHD53-1@CompuServe.COM>

Gang:

Anyone have FS the 250 hz CW and Audio CW filters for the Argosy 525? Believe I have the descriptions close to correct! (I'm new to all this terminology for TenTec gear.)

If available, \*very\* interested in talking further. Please e-mail me, and I will be happy to call you to discuss if necessary,

72/73,

--Doc/K0EVZ qrp-1 861 mn-qrp 19 cqz 414 norcal nj-qrp 6/ ak/qrp 139 arrl

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "James S. Braun" <jsbraun@frontiernet.net>



Subject: [16898] [Fwd: F/S HW-8 QRP Setup]  
Message-ID: <334B9EC6.3693@frontiernet.net>

This is a multi-part message in MIME format.

-----3BE92B6C37C8  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I saw this posting, and thought that I would forward it to the group.  
I know nothing about this personally.

72's  
Scott  
KB2GWF

-----3BE92B6C37C8  
Content-Type: message/rfc822  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Path: node2.frontiernet.net!usenet.logical.net!dciteleport.com!worldnet.att.net!  
howland.erols.net!ais.net!newsfeed.concentric.net!news-master!news  
From: "Richard S. Glines" <wq1t@concentric.net>  
Newsgroups: rec.radio.swap  
Subject: F/S HW-8 QRP Setup  
From owner-rqp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "James S. Braun" <jsbraun@frontiernet.net>  
Subject: [16901] [Fwd: FS: Ten Tec Argosy 525]  
Message-ID: <334BBDE1.724E@frontiernet.net>

This is a multi-part message in MIME format.

-----325E62265BF1  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I just purchased a Ten Tec Scout 555, so I am relisting this Ten Tec  
Argosy 525 for sale. (this is a extra Argosy to my station, I have  
another one which is truely "mint" and very low serial #, fully loaded)  
I am asking \$400 ,but will consider offers.  
Thanks/ 72's  
Scott  
KB2GWF

-----325E62265BF1  
Content-Type: message/rfc822  
Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Received: from node5 for jsbraun

from frontiernet via POP3 cucipop (v1.22+DCE 1997/02/14) Sat Apr 5 19:33:48 1997

X-From\_: owner-qrp-1@Lehigh.EDU Sat Apr 5 08:41:06 1997

Received: from fidoii.CC.Lehigh.EDU (fidoii.CC.Lehigh.EDU [128.180.1.4]) by  
node1.frontiernet.net (8.8.5/8.8.2) with ESMTP id IAA16210; Sat, 5 Apr 1997  
08:35:15 -0500

Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.lehigh.edu with SMTP id  
<35655-45554>; Sat, 5 Apr 1997 08:33:50 -0500

Received: from nss2.CC.Lehigh.EDU ([128.180.1.26]) by fidoii.cc.lehigh.edu with  
ESMTP id <35633-49652>; Sat, 5 Apr 1997 08:32:16 -0500

Received: from node1.frontiernet.net (node1.frontiernet.net [205.232.174.11])  
by nss2.CC.Lehigh.EDU (8.8.5/8.8.5) with ESMTP id IAA55916  
for <qrp-1@Lehigh.EDU>; Sat, 5 Apr 1997 08:31:49 -0500

Received: from LOCALNAME (usr18-152.dial.roc.frontiernet.net [207.127.19.152]) by  
node1.frontiernet.net (8.8.5/8.8.2) with SMTP id IAA51294 for <qrp-1@Lehigh.EDU>;  
Sat, 5 Apr 1997 08:01:34 -0500

Message-Id: <3346778C.794D@frontiernet.net>

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>

Subject: [16979] Re:38S tuning

Message-ID: <M1402387.039.dyddk.1.970409193453Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Marty:

I have a 100Kohm 10-turn pot on my 38S. I get exactly 20 kHz tuning range, and  
have it set for 0=10.100, 500=10.110 and 1000=10.120. May not be exactly linear  
between these three points, but close enough for me. At 2kHz per revolution, I  
have all the bandspread I can use.

The trick is to carry one step further the idea of a resistor from pot wiper to  
cold end. Instead of a fixed resistor, I use a small trim pot. This allows me  
to put the midpoint where I want it. It doesn't affect the low frequency end,  
as that is 0 volts. There is a small interaction at the top end, but not much.  
I use a trimmer capacitor in series with the crystal inductor to allow for  
trimming to frequency.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>

Subject: [16980] Re:38S tuning

Message-ID: <M1402388.040.dyddl.1.970409193454Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Marty:

I have a 100Kohm 10-turn pot on my 38S. I get exactly 20 kHz tuning range, and have it set for 0=10.100, 500=10.110 and 1000=10.120. May not be exactly linear between these three points, but close enough for me. At 2kHz per revolution, I have all the bandspread I can use.

The trick is to carry one step further the idea of a resistor from pot wiper to cold end. Instead of a fixed resistor, I use a small trim pot. This allows me to put the midpoint where I want it. It doesn't affect the low frequency end, as that is 0 volts. There is a small interaction at the top end, but not much.

I use a trimmer capacitor in series with the crystal inductor to allow for trimming to frequency. The inductor is 6.8 uHy, and the trimmer cap is about 80pf. Cap is only about 4/16 or 5/16" diameter. Found a bunch in a surplus store, so bought a handful.

72, Bob N6WG

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>

Subject: [16913] Re: 40m beam - cheap

Somehow, a line got dropped. Here it is:

```
      +-----+ +-----+
      | 21ft   | | 21.5ft  |
26ft |         | |         |
<==  |         | |         |
      |         | |         |
      F-----+ +-----+
```

3ft spacing between elements

Hope this one makes it. 73, Cecil, W6RCA

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: Owen 'OJ' Quarles <k1oj@swbell.net>

Subject: Re: ARCI spring QSO party team invite

Howdy from Texas Al!

I was going to e-mail you tonite about joining the Yahoos for a team entry into the ARCI contest. I have a multi single already set up but if Cam will allow it I would like to get a couple more stations into the

team competition...are you interested?  
CU---OJ---K10J  
HOUSTON, TX  
QRP-L 732  
..

-----4A0E4C0E4706--

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "James S. Braun" <jsbraun@frontiernet.net>  
Subject: FS: Ten Tec Argosy 525

I am relisting this posting due to problems with my local server.  
I have for sale a Ten Tec Argosy 525 Transceiver with the following  
options installed:

#218 (1.8 khz SSB Filter)  
#220 (8 pole xtal IF Filter 2.4 khz)  
#223 (Noise Blanker)

Transceiver is in very good condition: few scratches on top of case and  
top edge portion of front plate, but face of same is in excellent  
shape(no scratches or wear marks).  
Manual and Hand Microphone included.  
I am asking \$400 or trade towards a Qrp+, Argo, or Scout.  
If interested please contact me at (716)367-9826 or e-mail at:  
jsbraun@frontiernet.net

Thanks for the B/W...  
72's  
Scott  
KB2GWF

-----325E62265BF1--

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "David D. Meacham" <ddm@datatamers.com>

Subject: [16915] Re: FSFM

Message-ID: <Pine.LNX.3.91.970408202427.6594D-100000@dt1.datatamers.com>

Bob,

I'm happy to report that I caught Ken on 30 & 40, too, from CA.

I used my NorCal 40 (5W) and delta loop on 40. On 30, I used my NorCal Sierra (2W) and new, half sloper off my tower at the 27-foot level. This 50/40/30 is fun!

72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997

Message-Id: <vines.izzZ7+qWHGnA@bangate2.tek.com>

Subject: fwd: FW: O'scope text file es Copyright Notice

Mr. Welch,

Thank you for your note.

-The XYZs are also available from our TekFax system. For those hams who have access to a fax machine, they can call 1-800-835-7732 and request the following documents. These documents are duplicates of what is on the Web site.

Thank you again for your interest.

Brian Knowles

Worldwide Customer Communications

Measurement Business Division

Tektronix, Inc.

+++++

| Doc #          | Pages                  | Document Type    | Model Number         |
|----------------|------------------------|------------------|----------------------|
|                | Title                  |                  |                      |
| 1164           | 1                      | Application Note | XYZs of Oscilloscope |
| Oscilloscopes: | Copyright Statement    |                  | XYZs of              |
| 1168           | 4                      | Application Note | XYZs of Oscilloscope |
| Oscilloscopes: | Glossary               |                  | XYZs of              |
| 1169           | 8                      | Application Note | XYZs of Oscilloscope |
| Oscilloscopes: | Index                  |                  | XYZs of              |
| 1170           | 2                      | Application Note | XYZs of Oscilloscope |
| Oscilloscopes: | Introduction           |                  | XYZs of              |
| 1171           | 5                      | Application Note | XYZs of Oscilloscope |
| Oscilloscopes: | Measurement Techniques |                  | XYZs of              |
| 1178           | 6                      | Application Note | XYZs of Oscilloscope |
|                |                        |                  | XYZs of              |

Oscilloscopes: Oscilloscope Terminology  
 1165 2 Application Note XYZs of Oscilloscope XYZs of  
 Oscilloscopes: Part I Exercises (ASCII)  
 1173 1 Application Note XYZs of Oscilloscope XYZs of  
 Oscilloscopes: Part I Oscilloscope Answers  
 1174 1 Application Note XYZs of Oscilloscope XYZs of  
 Oscilloscopes: Part I Vocabulary Answers  
 1166 1 Application Note XYZs of Oscilloscope XYZs of  
 Oscilloscopes: Part II Exercises (ASCII)  
 1175 2 Application Note XYZs of Oscilloscope XYZs of  
 Oscilloscopes: Part II Oscilloscope Answers  
 1176 1 Application Note XYZs of Oscilloscope XYZs of  
 Oscilloscopes: Part II Vocabulary Answers  
 1177 6 Application Note XYZs of Oscilloscope XYZs of  
 Oscilloscopes: Setting Up  
 1162 2 Application Note XYZs of Oscilloscope XYZs of  
 Oscilloscopes: Table of Contents  
 1163 10 Application Note XYZs of Oscilloscope XYZs of  
 Oscilloscopes: The Controls  
 1172 7 Application Note XYZs of Oscilloscope XYZs of  
 Oscilloscopes: The Oscilloscope  
 1167 5 Application Note XYZs of Oscilloscope XYZs of  
 Oscilloscopes: Written Exercises

Note: this is a lot of pages and should not be ordered at once.

-----  
 Original Text

From: Greg LeFever@Comm@Tek, on 4/7/97 10:49 AM:

Forwarded to: Brian R Knowles@Mktg@TM  
 cc:  
 Forwarded date: 4/7/97 10:49 AM  
 Comments by: Greg LeFever@Comm@Tek  
 Comments:

Hi, Brian:

Here you go ....

Greg

-----  
 ----- [Original Message] -----

Original Message date: 4/6/97 7:39 PM  
 Original from: <bob.h.schneider@exgate.tek.com>@Tek  
 Original to: <GREG.LEFEVER@tek.com>@Tek

>-----  
>From: EWelch[SMTP:ed@l-a-net.net]  
>Sent: Saturday, April 05, 1997 9:44 PM  
>To: webmaster@tek.com  
>Subject: O'scope text file es Copyright Notice  
>  
>Good evening. There are some of us QRP amateur radio operators who  
>don't  
>have access to the world-wide-web. In trying to help them to get your  
>excellent file on the use of oscilloscopes I captured the different html  
>files and converted them to a simple ascii text file. Only now have I  
>seen your copyright notice which is not in the text file. I will add  
>this file to the present one to insure that I comply with your wishes.  
>Sorry to have not gotten it included in the beginning. The file has  
>helped several aspiring hams to get a grip on using there o'scopes.  
>Once again I want to apologize for not including the copyright notice  
>with your file...it will be included hence forth. And many thanks for  
>an excellent learning tool. Maybe I can better use my OS-245(P)/U. :)  
>  
>Please send any email to ed.welch@cheaha.com, as I very seldom check my  
>mail at la-net. Thanks a million.  
>  
>Ed Welch  
>ed.welch@cheaha.com  
>  
<<<>>>

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: NJBIRDMAN <jsielke@pobox.com>  
Subject: [16904] Re: GM-10 is out of the hanger  
Message-ID: <v03020909af70adf2472e@[206.106.174.44]>

>  
> One of the well-known inhabitants of this list made me an offer I couldn't  
>refuse- he sent me an order! I'm happy to report that the GM-12 version will  
>be out shortly, in good time for the WARC-band propagation studies currently  
>afoot.

I'm not THAT optimistic on band conditions. I hope I get a few openings for  
my GM-17!!

\_ \_ \_ \_ \_  
| \ | | | | \_ | | / \_ |

John L. Sielke n4js@amsat.org n4js@pobox.com  
n4js@n4js.ampr.org NJ Grid:FM29LN

| .` ||\_ \_|| || |\\_\_ \                   http://www.pobox.com/~n4js                   NJ-QRP #57  
|\_| \\_| | | \\_/\_/ |\_\_\_/                   QRP-L #884   QRP-ARCI #9328 NE-QRP #507  
          G-QRP #9544   Norcal #????   QCWA Life Member  
WIMPS: Qs=010 30m=10 17m=0 12m=0 States=02/00/00 Countries 08/00/00

From owner-qrp-l@Lehigh.EDU   Wed Apr   9 18:03:59 1997  
From: Bob Kellogg <ae4ic@nr.infi.net>  
Subject: [16985] Re: HB: attenuators  
Message-ID: <199704092053.QAA08388@mh004.infi.net>

Hi Paul,  
At 01:52 PM 4/8/97 -0400, you wrote:  
I  
>really need a workable step attenuator. I notice that there is a relatively  
>easy one described in the ARRL Handbook,

I built one similar to the handbook version a month or so ago. It had no circuit board, but used resistors soldered directly to the lugs of slide switches. Used Circuit board material to make the case. Turned out to be a very neat little job. Put BNC connectors on the ends, and configured seven Attenuation steps: 1,2,4,8,16,20,20. This enables any attenuation from 1 dB to 71 dB which was good enough for me.

Now for the important stuff - does it work? Yep. How accurate is it? Don't know. Impedance is OK at 50 ohms. I haven't done any checking for accuracy because it wasn't important to me. It definitely attenuated in steps. I would have liked more power handling capacity, like up to one watt. Just a matter of using larger resistors, but I used what I had on hand.

Good luck with yours.

CUL,  
Bob Kellogg, AE4IC, Greensboro, NC  
Probably, but not nececelery. - Benny Hill  
WIMPS: Qs=000 30m=0 17m=0 12m=0 States=00/00/00

From owner-qrp-l@Lehigh.EDU   Wed Apr   9 18:03:59 1997  
From: n4js@amsat.org  
Subject: [16943] Re: HW-9  
Message-ID: <XFMail.970409101236.n4js@amsat.org>



Just wanted to thank all that responded to my "WTB: HW-9" Post. My check is in the mail to one of the respondees, and an HW-9 will have a new home.

It never ceases to amaze me that you can post almost any question, request, etc., on this list, and get some GOOD responses. Only rarely get flamed (like if you suggest running QRP contests on WARC bands...;-)

72/73

Sent at 10:12:36 on 09-Apr-97

```
John L. Sielke n4js@amsat.org n4js@pobox.com
| \ | | | | _ | | / _ _ | n4js@n4js.ampr.org NJ Grid:FM29LN
| . ' | | _ _ | | | | \ _ _ \ http://www.pobox.com/~n4js
| _ | \ | | _ | \ _ _ / | _ _ / NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 NorCal QCWA FISTS #2781
WIMPS Qs=010 30m=10 17m=0 12m=0 States=02/00/00 Countries=08/00/00
```

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: "JOHN F. McCLUN" <JFM001@DENTAL3.AB.UMD.EDU>

Subject: [16948] RE: Index Lab - my feelings

Message-ID: <34AE0745F3@dental3.ab.umd.edu>

Gang -

I've been following the comments on the demise of Index Labs. My thoughts are this: Always assume that the company you are buying from will not be around when you need them. If it is electronic, learn to do it yourself. It takes time to do this but in two years I have learned the QRP + inside and out, having modified every board in the unit, redoing the front panel and rear. This hobby - QRP - is not really for appliance operators. It's filled with hobbist who build, design and modify OEM equipment. Sure I hate to see INdex LABs go by the wayside. I hope Bruce survives, but will it affect the operation, modification and the use of our Pluses? It shouldn't. Some one mention copying the PROM's - the Berlin club not only has done that but will sell you a copy with your call sign in the display on power up instead of the serial number. I've seen a listing of the prom.

BTW if anyone has that listing please email me - would love to have it for my computer interface network for the QRP I'm building.

Let's put our interest to the test. Let's not only KEEP our QRP Pluses, but keep modifying them, repairing them, and improving them. Otherwise, why NOT just sell them and get an ICOM or a TENTEC. I'd rather have something that is MINE, and even though it says INDEX Labs, Bruce wouldn't recognize it cause IT'S MINE! As much as any "kit" I've built.



> Jim

Bad idea! In Europe we are suffering from the digital qrm as well. But I think it will be no solution to move down in frequency. These guys will gratefully occupy the spectrum and one day we will have the qrm at 14.040.

According to IARU region 1 and 2 bandplans 14.000-14.070 is exclusively allocated to cw. By the way: IARU bandplans are recommendations; but they are compulsory upon members of national radio societies which are members of IARU.

There is only one way to preserve this frequency range for cw: use it! And I honestly confess: if necessary I will run qro!

72 (nevertheless) Joe

|                     |                                            |
|---------------------|--------------------------------------------|
| DK7VW - N7VW        | ARRL * DARC * AGCW-DL * DIG * G-QRP-CLUB * |
| HSC * RTC           |                                            |
| Werner 'Joe' Jochem | Phone: +49 5271 8577 Fax: +49 5271 8560    |
| Postweg 20          | Ax.25: DK7VW @ DB0EAM.#HES.DEU.EU          |
| D-37671 Hoexter     | Email: Werner.Jochem @ hoexter.netsurf.de  |
| Loc: J041RS         | jochem @ t-online.de                       |

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [16958] Re: Meet K5F0/3 (Calverton MD?)  
Message-ID: <199704091607.RAA09720@chuck.dallas.sgi.com>

Mike,

I sent you email yesterday, so don't know if it is piled up somewhere.

TJs is fine and 7:30EDT pm is fine. I'll be there.

I'm staying at the Courtyard by Marriott on 29 and Powder Mill/Cherry Hill Rd.

Everyone be there be square.

Your directions as posted are correct to the restaurant.

cc to qrp-1 just in case

dit dit

Chuck Adams K5F0 CP-60 adams@sgi.com

[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)

WIMPS: Qs=006 30m=3 17m=3 12m=0 States=03/03/00 DX=00/00/00 QSLs=000

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [16965] Re: Meet K5F0/3 (Calverton MD?)  
Message-ID: <Pine.BSI.3.93.970409133836.16880A-100000@u1.abs.net>

Mikes directions are o.k. I think the exits are marked 23A&23B off of RT 95. It is the First pair of exits that allow you to get off of 95 North of the Beltway. Marked CALVERTON. The first one takes Powder Mill Road East towards Beltsville and Route #1. The Second one (23B?) takes you to Powder Mill Road West and goes right by the Calverton Shopping Center. Stay to the Right as you exit and you can turn right into the shopping center just past the EXXon Station on the Right. The shoopping center will be on the left. CVS Drug Store & Giant FOOD are the two big ones. TJ's Restaraun is near the end just past the Giant Food. There is a bank and an icecream store on that end. If you miss the turn, TURN RIGHT at the STOP LIGHT (McDonald's on the right) and follow around to next Stop Light and turn right again into the shopping center you will see it on the right.

MIKE,  
FYI It looks like Chuck is staying at the Cortyard Marriott again. It is on Prosperity Drive., Which is near Cherry Hill Road and RT29. The phone number is (301)680-8500. I left a message, but he is probably at work at this time. 1400 EDST 4/9/97 .

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

On Wed, 9 Apr 1997, Mike Czuhajewski wrote:

> I still have not heard anything from K5F0, either e-mail or qrp-1 or  
> phone, telling me where he is in Maryland, so I can only make some  
> educated guesses as to what area he is in, which is the Calverton region.  
> That's just north of the Capital Beltway, off I-95; might be the first exit  
> after I-95 veers off from the Beltway but I'm not sure. It's Powder Mill  
> Road, and I think the number is Route 212. Most definitely south of the  
> Laurel exits!  
>  
> Since Chuck told me to decide on a place and time on Thursday, and  
> has not spoken up after that, I'll decree that we'll meet at TJ's (I think it  
> is) in Calverton, which is the same place we met several times already.  
> That will be Thursday night, at 1930 hours local to give everyone time  
> to get there. I don't know if anyone else will make it, maybe not even  
> Chuck, but I'll be there!

>  
> Attention K3TKS: Danny, please post immediately if these instructions  
> are wrong! From the Calverton exits from I-95 just north of the Capitol  
> Beltway, head west. I think the road is Powder Mill, AKA Route 212,  
> but Danny will have to verify that. As you go west from 95, there will  
> be a ten or so story high hotel on the left, perhaps a Holiday Inn.  
> (Danny says Chuck is probably staying somewhere else this time  
> instead of there.) Instead of turning left at the light to go to it, turn  
> right instead. The road will then turn sharply to the right, and there's a  
> shopping center on the right (sneaks up on you pretty quickly). In that  
> shopping center is an eatery called TJ's (I think that's what it is), fairly  
> close to the large grocery store. I'll plan on being there at 1930 hours  
> on Thursday.  
>  
> Here's my work phone number: 410-290-1919, or 301-621-3340 (a DC  
> metro number). If anyone has any questions about how to get there,  
> give me a call. I can't guarantee that I'll be able to check e-mail very  
> often in the next few days.  
>  
> K3TKS: please verify these directions and post any clarifications.  
>  
>  
>  
> 73 and Queue Our Pea DE WA8MCQ                      wa8mcq@abs.net  
>

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: n4js@amsat.org  
Subject: [16944] RE: NEW CALL FOR KG8SF  
Message-ID: <XFMail.970409093827.n4js@amsat.org>

On 07-Apr-97 Len W. Tough expounded:

>Hello all:  
>  
>Well, the vanity came through. I believe this was my last choice on my  
>vanity list, but at least I got one of my choices!!!!  
>  
>I am now W8VQ  
>  
>Please make your necessary changes-  
>  
>I guess I need to take a week off and make all of mine - ARGH!  
>  
>Best 72/3

>  
>W8VQ  
>  
>Formerly KG8SF

I'm glad I got my vanity call back in 1976!!

>  
>

Sent at 09:38:27 on 09-Apr-97

```
John L. Sielke n4js@amsat.org n4js@pobox.com
| \ | | | | _ | | / _ _ | n4js@n4js.ampr.org NJ Grid:FM29LN
| . ' | | _ _ | | | | \ _ _ \ http://www.pobox.com/~n4js
| _ | \ | | | _ _ / | _ _ / NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 NorCal QCWA FISTS #2781
WIMPS Qs=010 30m=10 17m=0 12m=0 States=02/00/00 Countries=08/00/00
```

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>  
Subject: [16956] Re: QRP - kind of  
Message-ID: <Pine.A41.3.95b.970409092715.93148C-100000@homer24.u.washington.edu>

Look in your WIN95 windows directory (C:\Windows) for a file named Clock.exe. Bring up that file and you will see that there is an option to change fonts. Those changes get stored in another file named Clock.ini. You can make changes to the default font in Clock.exe then afterwards look at the file named Clock.ini. You will see how the font is assigned. Quite simply one would see on the last line in the Clock.ini file something like:

sFont=MS Sans Serif

For the program named Exchange there is also an init file named Exchng32.ini. Again, this is in the C:\windows directory. You should be able to open the Exchng32.ini file (default editor is Notepad) and edit that .ini file. For the last line of the file named Exchng32.ini you want to add:

sFont=Courier

Be sure and click on SAVE before quitting Notepad. At this point your Exchange program should come up using Courier as the default font. We don't use Microsoft Exchange but the analogy between the file Clock.ini and the file Exchng32.ini is quite similar. In fact, you should find fewer lines of initialization in Exchng32.ini than Clock.ini. Good luck and let me know how it turns out.

Stephen Lee, AB7HI, Tacoma, WA  
slee@u.washington.edu

-----

On Wed, 9 Apr 1997, Brad Mugleston wrote:

> This is kind of QRP related so I will ask it here. When I get my EMAIL (I  
> use Microsoft Exchange in Windows 95) I am always changing my font to  
> Courier so i can see the great pictures you guys post. Does anyone know a  
> why to make Courier my default font for incoming EMAIL - its no problem for  
> out going that's easy to change.

>

> Thanks

>

> Brad, KB0ROL

>

>

>

>

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>  
Subject: [16955] Re: QRP+  
Message-ID: <Pine.GS0.3.95.970409124748.10983B-100000@destrier.acsu.buffalo.edu>

It would be great if Index made the code available for their chip if they  
decide not to repair the QRP+.

73,

Jim N2GO  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
Life member ARRL  
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>  
Subject: [16961] Re: QRP+

Message-ID: <Pine.A41.3.95b.970409100002.93148D-100000@homer24.u.washington.edu>

What is remarkable is that Index Labs chose to use a non-locking chip for their processor code. Each QRP+ has its code freely available to its owner. It is possible to remove the socketed ROM and then read the ROM data using an EPROM programmer. There may be some information in the ROM code that is specific to a particular unit. One item is the serial number. Another may be offset calibration data for the DDS. When I ask Bruce Franklin if he used a commercial assembler program to write the code he said he hadn't, but that it had all been done by hand. "Plug and crank" I think he said.

Stephen Lee, AB7HI, Tacoma, WA  
slee@u.washington.edu

On Wed, 9 Apr 1997, J. Skalski wrote:

> It would be great if Index made the code available for their chip if they  
> decide not to repair the QRP+.

>

> Jim N2GO

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: Ted Kell <tedkell@orbitworld.net>

Subject: [16914] Re: Response from Tektronics regarding copyright....

Message-ID: <334B154E.6B50@orbitworld.net>

ED WELCH wrote:

>

> He also gave me the fax-on-demand number and all the titles,  
> document numbers, etc.,. Anybody want these??? :)

I would.

Thanks for the offer.

Ted  
KC5CUW

tedkell@orbitworld.net

>

> Nice outfit!

>

> 72/73



> Ed Welch KF4KRV  
 > NorCal Member #???  
 > 1st Grand Poobah ScQRPion of Alabama  
 > QRP-L #873 - FISTS #2964  
 > Luverne, Alabama  
 > Crenshaw County - Grid EM61  
 > +-----+  
 > -----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
 > +-----+  
 >  
 > > Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
 From: Wayneb1103@aol.com  
 Subject: [16926] Re: rf design  
 Message-ID: <970409024720\_144269445@emout05.mail.aol.com>

=====Original Message=====

Subj: rf design  
 Date: 97-04-08 16:09:44 EDT  
 hile they're laying on the bench...I feel what I need now are recommendations  
 pointing me to very good books which will teach me basic rf design so that I  
 can then take the junque box components, put them together on the breadboard  
 and try them out on the air...  
 ...I am not an electronic genius but feel I have enough experience that I  
 will  
 be able to do this provided I can get at the basic information...so if anyone  
 has an idea or two I would appreciate receiving this information...thanks &  
 73  
 - Bruce(VE5RC) QRP-L#886  
 "QRP! How sweet it is!"

rattray@siast.sk.ca

I really recommend SECRETS OF RF CIRCUIT DESIGN by Joseph J. Carr. Takes all  
 the mystery out of selecting and winding torrids and transformers, selecting  
 components and doing something with them. This is the SECOND EDITION. I also  
 have the first edition but there are several chapters on restoration that I  
 am not into and I didn't think applicable. Perhaps he thinks the same as they  
 arn't there in the second edition.

>From McGraw Hill  
 ISBN 0-07-011673-3 (p)

Some of the chapters

introduction to RF electronics

RF components and tuned circuits  
Variable capacitors in RF circuits  
Winding your own coils  
Radio receivers: theory and projects  
Direct-conversion radio receivers  
LC RF filter circuits  
Impedance matching: methods and circuits  
26 chapters total

A second book is the Paul Hardin Data book. Here he goes through and explains the working of 3 common qrp rigs from one end to the other.

Good luck

Wayne        WB7WHI  
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Joel Malman <malman@BBN.COM>  
Subject: [16992] Re: SGC Info-update  
Message-ID: <199704092256.SAA24136@nss2.CC.Lehigh.EDU>

Rod,

Ask, if you can ... What happens to Index hardware currently under warranty. Will SGC honor the Index warranty?

/joel wa1qvm (joel@bbn.com or malman@bbn.com ... Concord, Ma.)  
WIMPS: Qs=027 30m=026 17m=01 12m=00 States=09/00/00 DX=015/01/00

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Paul Harden <pharden@aoc.nrao.edu>  
Subject: [16897] Re: SLV coils  
Message-ID: <199704082316.RAA16175@zia.aoc.nrao.edu>

Jess and others,  
When you mount the bottom of the pole into the base mounting unit, it stops on the screws used to make connections to ground and to the coil. What I did on mine was use a small circular file and files away two notches about 1.5-2 inches long, which slides over those screws and

allows the SLV pole to rest another 2 inches deeper into the base mounting PVC thingie. That little extra really helped stiffen mine up. I haven't glued mine together and it's still standing in the back yard (about to get taken down for QRP TTF at Area 51).

On the black widows that are just a hair larger in diameter, what I did on mine was hacksaw a couple of cuts at the bottom of the black widow pole, which compresses the outside diameter a bit, and allows it to fit inside the base mounting PVC thingie. (We need to standardize what to call all these different pieces of PVC's -hi). I ended up making these bottom cuts several inches long and it fit down into the PVC just fine. Then I put a hose clamp on the SLV pole just above the PVC mount, just for superstition in case the cuts in the fiberglass decided to keep growing.

But my main SLV with Vern's coil is based on the SD-20 pole I got at PacifiCon.

Still a good performing antenna.

GL, Paul NA5N

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: jmlowman@ix.netcom.com  
Subject: [16899] Re: THE Electronic Data Book ... of Paul's  
Message-ID: <199748174116341@ix.netcom.com>

On 04/08/97 09:56:25 you wrote:

>

>re: The Electronic Data Book for Homebrewers & QRPers.

>

>Just got mine in the mail yesterday, only had a quick opportunity  
>to glance at it for a couple of hours last night. Terrific book!  
>What a wealth of information on everything relating to QRP rigs  
>and general rf theory. I have seen some pretty good stuff on this  
>subject but this is definetly the best yet! Going to take it to  
>our meeting tonight and "show & tell" but "I aint gonna let it out  
>of my sight"!

Did you get your copy from Five Watt Press?

I sent in an order more than a month ago, and they haven't even cashed my check.

If there's a better source, please let me know.

73 de Jim - KF6CR

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Tom Quayle" <tquayle@montana.com>  
Subject: [16920] Re: THE Electronic Data Book ... of Paul's  
Message-ID: <199704090628.AAA09455@paw.montana.com>

Oh, by the way . . . my check was cashed. I just never received the book.  
Tom - WN7ECL - Butte, MT

-----  
> From: jmlowman@ix.netcom.com  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Subject: Re: THE Electronic Data Book ... of Paul's  
> Date: Tuesday, April 08, 1997 6:38 PM  
>  
> On 04/08/97 09:56:25 you wrote:  
> >  
> >re: The Electronic Data Book for Homebrewers & QRPers.  
> >  
> >Just got mine in the mail yesterday, only had a quick opportunity  
> >to glance at it for a couple of hours last night. Terrific book!  
> >What a wealth of information on everything relating to QRP rigs  
> >and general rf theory. I have seen some pretty good stuff on this  
> >subject but this is definetly the best yet! Going to take it to  
> >our meeting tonight and "show & tell" but "I aint gonna let it out  
> >of my sight"!  
>  
> Did you get your copy from Five Watt Press?  
>  
> I sent in an order more than a month ago, and  
> they haven't even cashed my check.  
>  
> If there's a better source, please let me know.  
>  
> 73 de Jim - KF6CR  
>  
>  
>  
>

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: "Tom Quayle" <tquayle@montana.com>  
Subject: [16921] Re: THE Electronic Data Book ... of Paul's  
Message-ID: <199704090628.AAA09450@paw.montana.com>

I also sent a check to Five Watt press, several months ago. Perhaps that's why the book is being sold by a bona-fide publisher now.

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> 73 de Jim - KF6CR  
>  
>  
>  
>

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: n1pwu@juno.com (Robert K Berlyn)  
Subject: [16934] Re: THE Electronic Data Book ... of Paul's  
Message-ID: <19970409.080218.9390.1.N1PWU@juno.com>

>Did you get your copy from Five Watt Press?  
>

>I sent in an order more than a month ago, and  
>they haven't even cashed my check.  
>  
>If there's a better source, please let me know.  
>  
>73 de Jim - KF6CR

Jim, and All

HB Electronics has Pauls's Data Book in stock ready for QUICK shipment.  
(yes Paul knows I stock it )

Same great price \$ 20.00 plus 2.50 S/H

HB.Electronics@Businesson.com for catalog, or on the web  
WWW.Businesson.com/HAMPARTS

Bob  
HB Electronics  
N1PWU                      QRP-L # 161                      NE-QRP # 226  
East Greenwich, RI  
HTTP://www.businesson.com/HAMPARTS

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From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Ed Pacyna <pacyna@auratek.com>  
Subject: [16982] Re: toroid question.  
Message-ID: <3.0.16.19970409162348.28c7169a@galaxy.auratek.com>

>could have wound it with widely spaced turns all the way around the  
>toroid or close turns turns just along a 1/4 of the form.

> Or is there no difference?

There is a difference.

Inductance is principally determined by the number of turns on the toroid. However, there is also an electric field between adjacent turns which establishes a capacitance. Additionally the value of this distributed capacitance is determined by the number of turns and the spacing between these turns.

We see the effects of this capacitance in various ways. For example, the formula for  $L$  is  $N^2 \times A_l$  (where  $A_l$  is a constant based on the core characteristic).

Wind a specified number of turns on a core and measure the inductance. It will not be exactly as predicted by the above equation. Is the equation wrong? No, it is due to the distributed capacitance. Some might argue that the result is different because of variances in  $A_l$  due to manufacturing. So now using the same core, wind another inductor with more or less turns and again measure the inductance. Now solve the above equation for  $A_l$  with the 2 sets of  $L$  and  $N$ . You will get different values for  $A_l$ . But  $A_l$  is a constant. The answer is due to the difference in distributed capacitance present in both cases.

What you measured is the apparent inductance (and not the true inductance).

You can easily determine an inductors true inductance by taking a pair of frequency measurements with the inductor in a tuned circuit using two different values of known capacitance.

True or False?

When you squeeze (or spread) the turns on an inductor, you can change the nominal inductance (say +/- 5%)?

73,

Ed, W1AAZ

PS: Are you sure it's not the distributed capacitance and not the actual inductance that changed?

From owner-qrp-1@Lehigh.EDU Wed Apr 9 18:03:59 1997

From: Chris Cartwright <ccart@dns.vidtel.com>

Subject: [16940] Re: URL correct question

Message-ID: <Pine.LNX.3.93.970409080031.429C-100000@dns.vidtel.com>

On Wed, 9 Apr 1997, Charles Cashion wrote:

> frank> <http://www.gqrpclub.demon.co.uk/g0dja.htm>  
>  
> Is this URL correct? Did anybody try it successfully?

Hang an "l" on the end of it,

<http://www.gqrpclub.demon.co.uk/g0dja.html>

|                                         |  |                                                                         |
|-----------------------------------------|--|-------------------------------------------------------------------------|
| -- Chris Cartwright, Technical Engineer |  | ccart@vidtel.com                                                        |
| -- Phone 301.990.0735 N3XRV QRP-L #655  |  | ccart@erols.com                                                         |
| -- QRP WAS 13/3 (w/c) QRP-ARCI #9271    |  | <a href="http://dns.vidtel.com/~ccart">http://dns.vidtel.com/~ccart</a> |

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>  
Subject: [16970] Re: URL correct question and MORE!  
Message-ID: <860607524.0616040.0@gqrpclub.demon.co.uk>

It works now, there was a typo in the url, sorry. (I put html instead of htm)

Also new additions:

A LINEAR AMP FOR HF (<http://www.gqrpclub.demon.co.uk/linear1.htm>)

THE 'BROKEN QUAD' ANTENNA FOR HF  
(<http://www.gqrpclub.demon.co.uk/quad1.htm>)

Hope OK for you and thanks for the encouragement to keep on going!

Frank G3YCC

From owner-qrp-l@Lehigh.EDU Wed Apr 9 18:03:59 1997  
From: Stan Skelton <sskelton@cln.etc.bc.ca>  
Subject: [16947] Re: WEB SITE LISTING/BEWARE  
Message-ID: <Pine.SUN.3.95.970409084126.12887A-100000@cln>

You only had 10 more pages to go!  
Stan VE7SKT, qrp-l #34, AK/QRP #136 OHR Sprint 80, 38 Spec.



On Tue, 8 Apr 1997 Wa2eaw@aol.com wrote:

> To all;  
> There recently was a post about amateur web sites. I started to print it  
> out.BEWARE I shut off the printer after EIGHTEEN PAGES, Putting that together  
> must have been a labor of love.  
> Bob WA2EAW  
>  
>